

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Herriot *et al.* Group Art Unit: 2819
Appl. No.: 09/822,208 Examiner Name: Jean Jeanglaude
Filed: April 2, 2001 Confirmation No.: 9866
For: AUTOMATIC EVOLUTION OF MIXED
ANALOG AND DIGITAL ELECTRONIC CIRCUITS #15

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION OF POWER OF ATTORNEY
AND NEW POWER OF ATTORNEY BY ASSIGNEE

Assignee hereby revokes all powers of attorney previously granted with respect to the above-identified patent application, and appoints the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and directs that all correspondence be addressed to that Customer Number:

Customer Number 00826

with full power of substitution and revocation to transact all business in the Patent and Trademark Office in connection therewith.

Please direct telephone calls to the attention of:

Henry B. Ward, III
Registration No. 42,212
Tel Charlotte Office (704) 444-1000
Fax Charlotte Office (704) 444-1111

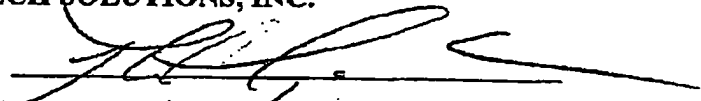
Assignee hereby elects under 37 C.F.R. § 3.71 to prosecute this patent application and certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of a chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: James W. Herriot; Stuart A. Kauffman To: Bios Group, Inc.
A copy of this assignment is attached hereto.
2. From: BiosGroup, Inc. To: NuTech Solutions, Inc.
The document was recorded in the Patent and Trademark Office at Reel 014734, Frame 0264.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

NUTECH SOLUTIONS, INC.

By:


TED GRABOWSKI
(Print or type name of person signing)

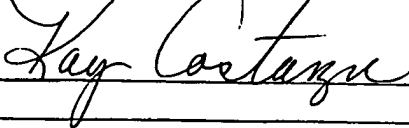
Title: V.P., Business & Legal Affairs

Date: June 15, 2004

CUSTOMER NO. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Charlotte Office (704) 444-1000
Fax Charlotte Office (704) 444-1111

CERTIFICATION OF FACSIMILE TRANSMISSION

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Fax No. (703) 872-9306 on the date shown below.



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Administrative Patent Paralegal

Message:

****Official Entry of Revocation and New Power of Attorney for**

Appl. No. 09/822,208
by Attorney

Henry B. Ward, III
Reg. No. 42,212

Number of Pages: (including cover page) 3

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USER CODE: COSTK	REQUESTED BY: Kay Costanza
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by Attorney Henry B. Ward, III
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CLIENT/MATTER: <u>042757/278583</u>	OPERATOR: _____

ALSTON & BIRD

PAGE 1/6 * RCVD AT 6/17/2004 1:23:39 PM [Eastern Daylight Time] * SVR:USPTO-EFAXF-10 * DNS:278306 * CSID:7044441111 * DURATION (mm-ss):01-10

Confirmation Report - Memory Send

Page : 001
Date & Time: Jun-17-04 01:28pm
Line 1 : 704 444 1111
Line 2 :
Machine ID : ALSTON & BIRD LLP

Job number : 267
Date : Jun-17 01:25pm
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Administrative Patent Paralegal

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**Official Entry of Revocation and New Power of Attorney for

Appl. No. 09/822,208
by Attorney

Henry B. Ward, III
Reg. No. 42,212

Number of Pages: (including cover page) 3

IF NOT RECEIVED PROPERLY, PLEASE NOTIFY US IMMEDIATELY AT .

USER CODE: COSTK	REQUESTED BY: Kay Costanza
CLIENT/MATTER: 042757/278583	OPERATOR:

POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: HERRIOT *et al.*

Application No.: 09/822,208

Group Art Unit: 2819

Filed: April 2, 2001

Examiner: To Be Assigned

For: AUTOMATIC EVOLUTION OF
MIXED AND DIGITAL
ELECTRONIC CIRCUITS

Attorney Docket No.: 9392-014

**POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints: S. Leslie Misrock (Reg. No. 18872), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No.

POWER OF ATTORNEY

33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Alan Tenenbaum (Reg. No. 34939), Michael J. Lyons (Reg. No. 37,386), Garland T. Stephens (Reg. No. 37,242) and William J. Sipio (Reg. No. 34,514), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. 20582), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

An assignment of the entire interest in the above-identified subject application:

☒ was recorded on October 12, 2000 at reel/frame 011226/0021.

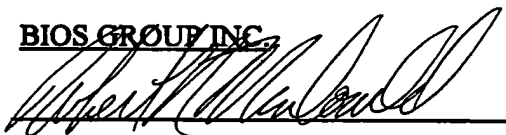
☐ is submitted herewith for recording.

Please direct all correspondence for this application to customer no. 20582.

ASSIGNEE:

BIOS GROUP INC.

Signature:



Typed Name:

Robert R. MacDonald

Position/Title:

President

Address:

317 Paseo de Peralta

Santa Fe, New Mexico 87501

Date:

10-31-01

HAND CARRY

C-DC

Date Mailed

Ser. No. **TO BE ASSIGNED**

Filed

Inventor **HERRIOT et al.**

For **AUTOMATIC EVOLUTION OF MIXED ANALOG DIGITAL ELECTRONIC CIRCUITS**

JC971 U.S. PTO

09/822208

() Affidavit/Declaration

() Amendment

(X) Application **41** Pages

(X) **13** Claims **23** Drawings **04/02/01**

() Appeal, Notice of

() Assignment

() Brief (in triplicate)

(X) Declaration **UNEEXECUTED** (X) Power of Attorney **UNEEXECUTED**

() Design Application

() Disclaimer

() Disclosure Statement

() w/refs. () w/o refs.

(X) Drawings Formal

11 Sheets **103** Figures

() Fee Address Indication Form

(X) Fee Calculation **+ copy**

() Issue Fee Transmittal

() Letter

() Oral Hearing Req./Confirm.

() Petition to Extend Time

() Pet. under 37 C.F.R.

(X) Associate w/Revocation

() Sequence Listing w/Computer Readable and Paper Copies

() Small Entity Statement

() Status Letter

() Transmittal Letter

Other: **FEE BY DEPOSIT ACCOUNT 16-1150; UTILITY PATENT APPLICATION Transmitted; copy of ASSIGNMENT + Recordation Form COVER SHEET**

File No. **9392-014**

Sender: **FEM/GTG/nby**

HBW



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



* 700091762A *

JUNE 16, 2004

PTAS

ALSTON & BIRD LLP
BANK OF AMERICA PLAZA
101 SOUTH TRYON STREET, SUITE 4000
CHARLOTTE, NC 28280-4000

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/15/2004

REEL/FRAME: 014734/0264
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 042757249552

ASSIGNOR:

BIOSGROUP, INC.

DOC DATE: 02/26/2003

ASSIGNEE:

NUTECH SOLUTIONS, INC.
8401 UNIVERSITY EXECUTIVE PARK,
SUITE 102
CHARLOTTE, NORTH CAROLINA 28262

SERIAL NUMBER: 09388123 278586

FILING DATE: 08/31/1999

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR PERFORMING SOCIAL COMPUTATION

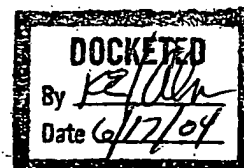
SERIAL NUMBER: 09794017 270584

FILING DATE: 02/28/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR OPTIMAL SEARCH ON A TECHNOLOGY LANDSCAPE



014734/0264 PAGE 2

SERIAL NUMBER: 09822208 278584 FILING DATE: 04/02/2001
PATENT NUMBER: ISSUE DATE:
TITLE: AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS

SERIAL NUMBER: 09868981 278580 FILING DATE: 06/25/2002
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD FOR THE ANALYSIS AND PREDICTION OF ECONOMIC MARKETS

SERIAL NUMBER: 09890185 278587 FILING DATE: 07/30/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR ROUTING CONTROL IN COMMUNICATION NETWORKS AND FOR SYSTEM CONTROL

SERIAL NUMBER: 09495756 278585 FILING DATE: 02/01/2000
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR RESOURCE ALLOCATION

SERIAL NUMBER: 09507966 278590 FILING DATE: 02/22/2000
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR OPERATIONS MANAGEMENT

SERIAL NUMBER: 09612406 278591 FILING DATE: 07/06/2000
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM TO SYNTHESIZE PORTFOLIOS OF GOODS, SERVICES OR FINANCIAL INSTRUMENTS

SERIAL NUMBER: 10789418 279316 FILING DATE: 02/27/2004
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM TO SYNTHESIZE PORTFOLIOS OF GOODS, SERVICES OR FINANCIAL INSTRUMENTS

SERIAL NUMBER: 09729692 278593 FILING DATE: 12/06/2000
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR DISCOVERY OF TRADES BETWEEN PARTIES

SERIAL NUMBER: 09768817 278596 FILING DATE: 01/25/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR MATCHING BIDS

SERIAL NUMBER: 09782027 278592 FILING DATE: 02/14/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR BUSINESS ORGANIZATION

SERIAL NUMBER: 09785412 278599 FILING DATE: 02/20/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR RESOURCE ALLOCATION

SERIAL NUMBER: 09785411 278597 FILING DATE: 02/20/2001
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD FOR INFRASTRUCTURE DESIGN

014734/0264 PAGE 3

SERIAL NUMBER: 10220134 *278577* FILING DATE: 05/05/2003
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR MANAGING A PORTFOLIO

SERIAL NUMBER: 09301615 *278710* FILING DATE: 04/29/1999
PATENT NUMBER: 6480814 ISSUE DATE: 11/12/2002
TITLE: METHOD FOR CREATING A NETWORK MODEL OF A DYNAMIC SYSTEM OF
INTERDEPENDENT VARIABLES FROM SYSTEM OBSERVATIONS

SERIAL NUMBER: 09080040 *278712* FILING DATE: 05/15/1998
PATENT NUMBER: 6125351 ISSUE DATE: 09/26/2000
TITLE: SYSTEM AND METHOD FOR THE SYNTHESIS OF AN ECONOMIC WEB AND THE
IDENTIFICATION OF NEW MARKET NICHES

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Jun-15-04 05:13pm From-

06/15/2004
 700091762

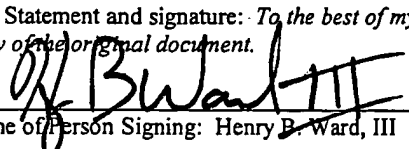
T-037 P.002/003 F-766

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To the Director of the Patent and Trademark Office: Please record the attached original documents or copy thereof.		Attorney Dkt. No.: 042757/249552	
1. Name of conveying party(ies): BiosGroup, Inc. Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	2. Name and address of receiving party(ies): NuTech Solutions, Inc. 8401 University Executive Park, Suite 102 Charlotte, NC 28262 Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>February 26, 2003</u>	4. Application Nos. 09/388,123; 09/794,017; 09/822,208; 09/868,981; 09/890,185; 09/495,756; 09/507,966; 09/612,406; 10/789,418; 09/729,692; 09/768,817; 09/782,027; 09/785,412; 09/785,411; 10/220,134 Patent Nos. 6,480,814; 6,125,351 Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. Name and address of party to whom correspondence concerning document should be mailed: 00826 ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000	6. Total number of applications and patents involved: 17 7. Total fee (37 CFR 3.41) <u>\$680.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 16-0605		
DO NOT USE THIS SPACE			
9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> Name of Person Signing: Henry B. Ward, III Reg. No. 42,212 </div> <div style="width: 40%; text-align: center;"> <u>6/15/04</u> Date </div> </div>			
Total number of pages including cover sheet, attachments, and document: <u>7</u>			
USPTO Fax Number for New Assignments (703) 306-5995			

CLT01/4652676v1

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1. Name of conveying party(ies): BiosGroup, Inc. Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	2. Name and address of receiving party(ies): NuTech Solutions, Inc. 8401 University Executive Park, Suite 102 Charlotte, NC 28262 Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>February 26, 2003</u>			
4. Application Nos. 09/388,123; 09/794,017; 09/822,208; 09/868,981; 09/890,185; 09/495,756; 09/507,966; 09/612,406; 10/789,418; 09/729,692; 09/768,817; 09/782,027; 09/785,412; 09/785,411; 10/220,134 Patent Nos. 6,480,814; 6,125,351 Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
5. Name and address of party to whom correspondence concerning document should be mailed: 00826 ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000	6. Total number of applications and patents involved: <u>17</u>		
	7. Total fee (37 CFR 3.41) <u>\$680.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
	8. Deposit account number: 16-0605		
DO NOT USE THIS SPACE			
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;">  Name of Person Signing: Henry B. Ward, III Reg. No. 42,212 </div> <div style="width: 40%; text-align: center;"> <u>6/15/04</u> Date </div> </div>			
Total number of pages including cover sheet, attachments, and document: <u>7</u>			
USPTO Fax Number for New Assignments (703) 306-5995			

ASSIGNMENT OF PATENTS

ASSIGNMENT OF PATENTS made as of the 26th day of February, 2003, by BiosGroup, Inc., a Delaware corporation ("Assignor"), to NuTech Solutions, Inc., a North Carolina corporation ("Assignee").

RECITAL

Assignee and Assignor are parties to an Asset Purchase Agreement dated as of February 20, 2003, and amended February 25, 2003 (the "Asset Purchase Agreement"), pursuant to which Assignor has agreed to sell to Assignee and Assignee has agreed to buy from Assignor the Assets (as defined and described in the Asset Purchase Agreement), including without limitation the patents of Assignor. Pursuant to the Asset Purchase Agreement, Assignor has agreed to execute such instruments as the Assignee may reasonably request in order more effectively to assign, transfer, grant, convey, assure and confirm to Assignee and its successors and assigns, or to aid and assist in the collection of or reducing to possession by the Assignee of, all of such assets.

In accordance therewith, Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under Assignor's registered and unregistered domestic and foreign patents and patent applications, including without limitation, the patents and patent applications listed on Schedule A annexed hereto and incorporated herein by reference (all of the foregoing being referred to herein as the "Patents").

NOW, THEREFORE, Assignor, for and in exchange for the payment of the purchase price set forth in the Asset Purchase Agreement, the receipt of which is hereby acknowledged, does hereby transfer and assign to Assignee, and Assignee hereby accepts the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under the Patents, together with the goodwill of the business associated therewith and which is symbolized thereby, all rights to sue for infringement of any Patent, whether arising prior to or subsequent to the date of this Assignment of Patents, and any and all renewals and extensions thereof that may hereafter be secured under the laws now or hereafter in effect in the United States, Canada and in any other jurisdiction, the same to be held and enjoyed by the said Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by the said Assignor had this Assignment of Patents not been made.

Except to the extent that federal law preempts state law with respect to the matters covered hereby, this Assignment of Patents shall be governed by and construed in accordance with the laws of the State of North Carolina without giving effect to the principles of conflicts of laws thereof.

IN WITNESS WHEREOF, Assignor has caused its duly authorized officer to execute this Assignment of Patents as of the date first above written.

BiosGroup, Inc.

By: Vincent W. Hockett
Name: Vincent W. Hockett
Title: President & C.E.O.

[SEAL]

State of New Mexico)
)ss.:
County of Santa Fe)

On this 27th of February, 2003, before me, Cathleen D. Lopez, personally appeared Vincent W. Hockett, of Santa Fe, New Mexico, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

Cathleen D. Lopez
Notary Public

My Commission Expires: 1/13/07

Assignment of Patents
BiosGroup as the Assignor and NuTech as the Assignee
Exhibit A
Page 1 of 4

BIOS GROUP - STATUS REPORT

Docket No.	Serial/Patent No.	Action	Due Date	Status	Associate
9392-003-999	09/368,215			Abandoned	
9392-004-999	09/345,441			Abandoned	
9392-005-999	6,480,814	3.5 year maintenance fee	5/12/06	Patented	
9392-006-999	09/345,442	Amendment (2 ext. avail)	02/01/03		Greg Gonsalves
9392-007-228					
9392-007-999	6,125,351	3.5 year maintenance fee	03/26/04	Abandoned	
9392-008-999				Patented	
9392-009-001	CANADA2,337,798	5.0 annuity	07/06/03	Did not file	
9392-009-227	EPC			Awaiting Exa	Greg Gonsalves
99932278.7		5.0 annuity	07/06/03		
9392-009-999	09/347,413			Abandoned	Greg Gonsalves
9392-010-999				Did not file	
9392-011-999	09/388,123	Amendment/drawings (3 ext. avail)	02/01/03		Dwight Renfrew
9392-012-228				Abandoned	
9392-012-999	09/794,017	Awaiting 1st Office Action			Greg Gonsalves
9392-013-228				Abandoned	
9392-013-999	09/787,941			Abandoned	
9392-014-228				Abandoned	
9392-014-999	09/822,208	Issue and Publication fees paid	10/24/02	Awaiting Letters Patent	Greg Gonsalves
9392-015-999				Matter No. does not exist	
9392-016-228				Abandoned	
9392-016-999	09/868,981	Response to Petition (1 ext. avail)	02/18/03		Greg Gonsalves

Assignment of Patents
BiosGroup as the Assignor and NuTech as the Assignee
Exhibit A
Page 2 of 4

Docket No.	Serial/Patent No.	Action	Due Date	Status	Associate
9392-018-999				Matter does not exist	
9392-020-228				Abandoned	
9392-020-999	09/868,982			Abandoned	
9392-021-999				Did not file	
9392-022-999				Did not file	
9392-023-228				Abandoned	
9392-023-999	09/890,185	Awaiting 1 st Office Action			Greg Gonsalves
9392-024-888				Did not file	
9392-025-999	09/495,756	Awaiting 1 st Office Action			Greg Gonsalves
9392-026-888				Did not file	
9392-028-999	09/507,966	Awaiting 1 st Office Action			Greg Gonsalves
9392-029-999	09/523,147	Amendment/drawings (3 ext. avail) 03/17/03			Steve Underwood
9392-030-888				Did not file	
9392-032-999				Matter does not exist	
9392-033-228				Abandoned	
9392-033-999				Did not file	
9392-034-001CANADA 2,336,368 5.0 annuity		Examination	07/01/03 07/01/04		Greg Gonsalves

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P. 6

Assignment of Patents
BiosGroup as the Assignor and NuTech as the Assignee
Exhibit A
Page 3 of 4

Docket No.	Serial/Patent No.	Action	Due Date	Status	Associate
9392-034-012	12-558464	Examination	07/02/06	Abandoned	Greg Gonsalves
JAPAN					
9392-0035-228	09/612,406	Awaiting 1 st Office Action		Abandoned	Dwight Renfrew
9392-0035-999				Abandoned	Greg Gonsalves
9392-036-228	10/048,642			Do not file	Greg Gonsalves
9392-036-999				Do not file	Greg Gonsalves
9392-037-999				Abandoned	Greg Gonsalves
9392-038-999	09/707,917	Awaiting 1 st Office Action		Abandoned	Greg Gonsalves
9392-039-999				Did not file	Greg Gonsalves
9392-040-228	09/729,692	Awaiting 1 st Office Action		Abandoned	Greg Gonsalves
9392-040-999				Did not file	
9392-041-999				Abandoned	
9392-042-999					
9392-043-228	09/768,817	Awaiting 1 st Office Action			Greg Gonsalves
9392-043-999	09/782,027	Awaiting 1 st Office Action			Greg Gonsalves
9392-044-999	09/785,412	Awaiting 1 st Office Action			Greg Gonsalves
9392-045-999	09/785,411	Awaiting 1 st Office Action			Greg Gonsalves
9392-046-999				Matter does not exist	
9392-048-999				Unfiled	Greg Gonsalves
9392-050-999				Abandoned	
9392-051-228					
9392-051-999	10/220,134	Response to Notice	02/05/03		Greg Gonsalves
9392-052-999				Matter does not exist	
9392-53-888				Expired	Greg Gonsalves

Assignment of Patents
BiosGroup as the Assignor and NuTech as the Assignee
Exhibit A
Page 4 of 4

Docket No.	Serial/Patent No.	Action	Due Date	Status	Associate
4					
9392-054-999				Matter does not exist	
9392-055-888				Unfiled	Greg Gonsalves
9392-056-888				Expired	Greg Gonsalves
9392-057-888				Expired	Greg Gonsalves
9392-058-888				Expired	Frank Morris
9392-059-888				Expired	Greg Gonsalves
9392-060-999				Abandoned	Greg Gonsalves
9392-061-888				Expired	Greg Gonsalves
9392-062-999		Awaiting 1 st Office Action Petition to Revive filed 06/11/02		Expired	Greg Gonsalves
9392-063-888	09/876,254			Unfiled	Greg Gonsalves
9392-064-888				Unfiled	Greg Gonsalves
9392-065-999				Unfiled	Greg Gonsalves
9392-066-999				Unfiled	Greg Gonsalves
9392-067-888				Expired	Greg Gonsalves
9392-070-888				Unfiled	Jay Fister
9392-072-888				Expired	Greg Gonsalves
9392-073-888				Expired	Greg Gonsalves
9392-074-888				Expired	Greg Gonsalves
9392-075-999				Expired	Greg Gonsalves
9392-076-888				Matter does not exist	
9392-077-888				Expired	Seth Watkins
9392-078-888				Expired	Greg Gonsalves
9392-078-999	10/140,109			Abandoned	Greg Gonsalves
9392-079-888	60/356,763	FIN Convert to utility? Foreign File? 02/15/03		Abandoned	Greg Gonsalves
9392-080-888	60/374,818	FIN Convert to utility? Foreign File? 04/24/03		Abandoned	Greg Gonsalves

11-14-2000



101515477

Attorney Docket Number
9392-014-228

MRD

10/12/00

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James W. HERRIOT and Stuart A.
KAUFFMAN

Additional name(s) of conveying party(ies) attached to this document:

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: September 20, 2000, and
September 22, 2000, respectively

2. Name and address of receiving party(ies):

Name: BIOS GROUP INC.Address: 317 Paseo de Peralta
Santa Fe, New Mexico 87501

Country (if other than USA): _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) PCT/US99/22917

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1667 K Street, N.W.
Washington, D.C. 200066. Number of applications and patents involved: 17. Total fee (37 CFR 3.41):\$ 40.00
Please charge to the deposit account listed in Section 8.8. Deposit account number:
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory J. Gonsalves

43,639

Signature

October 12, 2000

Name of Person Signing Reg. No.

Date

Total number of pages including cover sheet:

3

ASSIGNMENT

WHEREAS, WE, James W. HERRIOT and Stuart A. KAUFFMAN, ASSIGNORS, citizens of the United States, residing at 784 Rosewood Drive, Palo Alto, CA 94303 and 1811 S. Camino Cruz Blanca, Santa Fe, New Mexico 87501 (formerly residing at 15 Montecito Road, Santa Fe, New Mexico 87501), respectively, are the inventors of the invention in AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS for which we have executed an International application

☐ which is executed on ☐ even date herewith or ☐ _____ (date)

☒ which is identified by Pennie & Edmonds LLP docket no. 9392-014-228

☒ which was filed on , October 1, 1999 Application No. PCT/US99/22917 and claims priority to United States Provisional Application No. 60/102,685 which was filed on October 1, 1998.

and WHEREAS, BIOS GROUP INC. organized and existing under the laws of the state Delaware, and having an office for the transaction of business at 317 Paseo de Peralta, Santa Fe, New Mexico 87501, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said International Patent Application and all national and regional stage applications thereof and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Sept 22, 2000 Stuart A. Kauffman L.S.

State of _____)
County of _____ } SS.:

In the State of NEW MEXICO, county of SANTA FE, on 9-22-2000, before me, DALLAS STEELE, Notary Public, personally appeared Stuart A. Kauffman, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Dallas Steele
COMMISSION EXPIRES: 7-22-2003

ASSIGNMENT

WHEREAS, WE, James W. HERRIOT and Stuart A. KAUFFMAN, ASSIGNORS, citizens of the United States, residing at 784 Rosewood Drive, Palo Alto, CA 94303 and 1811 S. Camino Cruz Blanca, Santa Fe, New Mexico 87501 (formerly residing at 15 Montecito Road, Santa Fe, New Mexico 87501), respectively, are the inventors of the invention in AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS for which we have executed an International application

☐ which is executed on ☐ even date herewith or ☐ _____ (date)

☒ which is identified by Pennie & Edmonds LLP docket no. 9392-014-228

☒ which was filed on, October 1, 1999 Application No. PCT/US99/22917 and claims priority to United States Provisional Application No. 60/102,685 which was filed on October 1, 1998

and WHEREAS, BIOS GROUP INC. organized and existing under the laws of the state Delaware, and having an office for the transaction of business at 317 Paseo de Peralta, Santa Fe, New Mexico 87501, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said International Patent Application and all national and regional stage applications thereof and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce protection for said invention in all countries.

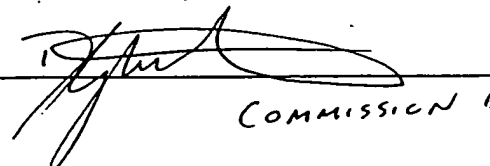
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Sept 20, 2000  L.S.
James W. Herriot

State of NEW MEXICO)
County of SANTA FE) SS.:

In the State of NEW MEXICO, county of SANTA FE, on 9-20-2000, before me, DALLAS STEELE, Notary Public, personally appeared James W. Herriot, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal


COMMISSION EXPIRES: 7-22-2003